

CLAIMS

1. A componentry assembled free standing wire rack including a pair of end frames, each end frame incorporating at least one cross rod arranged horizontally therein, the cross rod of each end frame being fixed at same relative height with respect to each end frame, provided in a wire rack, at least one shelving provided for inserting partially into the end frames, and resting upon the horizontally disposed cross rods, to provide for shelving intermediate a pair of spaced end frames, each shelving upon inserting with in the end frames, being pressured bias downwardly within the end frame and resting upon each of the respective cross rods when assembling the free standing wire rack.
2. The wire rack of claim 1 wherein said end frames provided with spaced vertical rods, the cross rods connecting to said vertical rods in the wire rack assembly.
3. The wire rack of claim 2 wherein said shelving provided for forced and pressure fitting between the vertical rods, to furnish stability in the erection of the free standing wire rack when assembled.
4. The wire rack of claim 3, wherein each shelving has a pair of end rods provided at each end of the shelving, the pair of end rods at each end having a space therein between approximating or slightly greater than the thickness of each vertical rod, to provide for pressured biasing of the shelving within each end frame when erected into a free standing wire rack.
5. The wire rack of claim 4 and including at least one brace extending between the end frames to structurally support the wire rack when assembled.
6. The wire rack of claim 5 wherein more than one brace is provide within the assembled wire rack, and extending between a pair of end frames.
7. The wire rack of claim 6 wherein a pair of braces are diagonally arranged.

8. The wire rack of claim 7 wherein the diagonally arranged braces between the end frames cross each other when installed within the assembled wire rack.

9. The wire rack of claim 2 wherein the vertical rods of each end frame incorporates an upper cross rod extending between and connecting with said vertical rods.

10. The wire rack of claim 2 wherein the vertical rods of each end frame end with an upper tip, a connecting sleeve provided for inserting upon and mounted extending upwardly from the upper end of each vertical rod, said connecting sleeve provided for reception of the lower end of a vertical rod of an end frame arranged thereabove and thereon providing for vertical stacking of the wire racks one upon the other.

11. The wire rack of claim 3, wherein the each shelving is rectangularly configured for extending between the end frames in which said shelving mounts.

12. The wire rack of claim 3, wherein each shelving is square in configuration, and connecting between a pair of end frames in the assembled wire rack.

13. The wire rack of claim 3, wherein each shelving has bends integrally extending downwardly along its front and back edges, to provide for a greater forced pressure fit in connecting of the shelving within the end frames of the wire rack when assembled.